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मानक

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IS 11154-2 (1994): Nameplates - Dimensions, Part 2:
Circular nameplates [PGD 24: Drawings]



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Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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भारतीय मानक
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भाग 2 परिचालन नाम पट्टिकाएँ
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Indian Standard
NAMEPLATES — DIMENSIONS
PART 2 CIRCULAR NAMEPLATES
(*First Revision*)

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BUREAU OF INDIAN STANDARDS
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FOREWORD

This Indian Standard (First Revision) was adopted by the Bureau of Indian Standards, after the draft finalized by the Drawings Sectional Committee had been approved by the Light Mechanical Engineering Division Council.

This standard was originally published in 1984. This revision incorporates a number of changes as a result of further experience gained and other developments taken place at national and international level in this field.

IS 11154 is being printed in four parts. The other parts of the standard are as under:

Part 1 Square and Rectangular Nameplates

Part 3 Triangular Nameplates

Part 4 Elliptical and Segmental Nameplates

In this revision plate sizes 8 mm, 10 mm and 12.5 mm have been incorporated.

In the preparation of this standard assistance has been derived from DIN 825 Teil 2-1983 'Nameplate dimensions—round nameplates' issued by the Deutsches Institut Für Normung (DIN).

Indian Standard

NAMEPLATES — DIMENSIONS

PART 2 CIRCULAR NAMEPLATES

(*First Revision*)

1 SCOPE

This standard covers dimensions of circular nameplates.

2 REFERENCE

IS 2102 (Part 1) : 1993 'General tolerances: Part 1 Tolerances for linear and angular dimensions without individual tolerance indications (*third revision*)' is a necessary adjunct to this standard.

3 DIMENSIONS

3.1 The dimensions of circular nameplates shall be as given in Table 1.

4 GENERAL

4.1 The width of the border shall be approximately 0.5 to 2.5 mm depending on diameter of the holes.

4.2 Fixing of the nameplates with holes may be by means of screws, drive screws, rivets, and nails. Clips and adhesive fixing shall be used for nameplates without fixing holes.

4.3 In case more number of holes are required for fixing the nameplates, then the centre distance of the holes shall be equally distributed and the fixing hole diameter shall be reduced.

4.4 If nameplates are subjected to severe stresses, and are in open air installations, provision may be made for holes of larger diameters.

4.4.1 The permissible variation given in 5 is also applicable to the fixing holes drilled on the mounting surface (of the part) for the nameplate.

4.4.2 Wherever the dimension 'd' is not given in the Tables, it is to be taken that the nameplates are fixed by adhesives.

5 TOLERANCE

5.1 Allowable deviation for dimensions without specified tolerance shall be according to medium class of IS 2102 (Part 1) : 1993.

Table 1 Dimensions for Circular Nameplates
(Clause 3.1)

All Dimensions in millimetres.

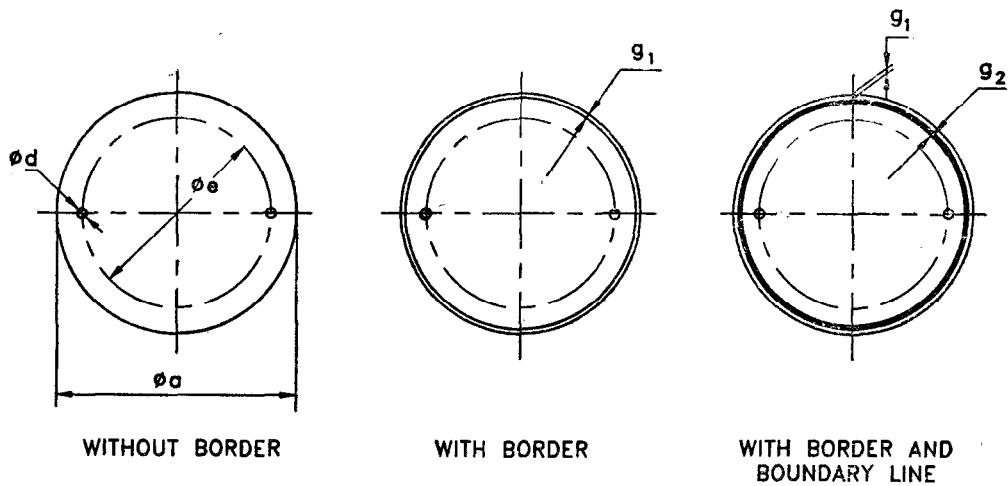


Plate Size <i>a</i>	<i>e</i>	<i>d</i>	<i>g</i> ₁	<i>g</i> ₂	Permissible Variation for 'e' While Securing to pre Drilled Surfaces	
					2 Holes	4 Holes
8 10 12.5 16	—	—	—	—	—	—
20 25	16 20	2	— 0.6	—	± 0.2	± 0.2
31.5 40 50 63 80 100	25 31.5 40 50 63 80	2.6	0.6 1 2	— 1.5 3	± 0.3	± 0.3
125 160 200 250	100 125 160 200	3.1	3	4.5	± 0.3	± 0.3
315 400 500 × 400	250 315 500 × 400	5.8	4	7.5	± 0.4	± 0.4
630 × 500 800 1 000 1 250	630 × 500 630 800 1 000	7	5 8	12	± 0.5	± 0.5

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